INDEX.

ABOLISHMENT of sanctuary privileges, 342
Absorption of oxygen by oils, 133
Acacia stipulata, 413
Acerina, 9
Acetic acid, 32
Acid, oxalic, synthesis of, 3
Acids, tribasic and tetra-basic, 33
Action of duckweed, 240
Action of frost on tin, 480
Aids to science, 266
Artificial stone, 156
Albizzia stipulata, 413
Alcohol, 32
Alcohol from lichens, 240
Alcohol meter, 239
Alcyonella fungosa, 80
Aldebaran, occultation of, 136
Alder-fly, natural history of the, 209
Algeria, breeding ostriches in, 400
Alleged fires from solar heat, 128
Alpetragius, 49
Alpine swift, 253
Alps, glaciers of the, 312
Alumina, manufacture of 1
America, shooting stars in, 254
America, South, earthquake-wave in, 480
Amœbæ, effect of electricity on, 147
Amusements, women's, 448
Anatomy of the vertebrates, 421
Ancient British cemetery at Wavertree, 315
Ancient glaciers, floods from, 311
Ancient men of Perigord, 318
Ancient mints and modes of coining, 244
Ancient Persia, proverbial philosophy of, 168
Ancient pile-work at Norwich, 469
Angle-shades moth, 87
Anglo-Norman women, 97
Anglo-Saxon notion of divorce, 15
Anglo-Saxon women, 15
Anglo-Saxon jewellery, 17
Anglo-Saxon dress, 17
Anglo-Saxon remains, discovery of, 68
Anglo-Saxon monasticism, 17
Anorthoscope, 110
Antherozoids of mosses, 79
Anthocharis cardamines, 81
Antiaris saccidora, 408
Antiaris toxicaria, 409
Antidote to mushroom poison, 319
Antiquities of Westminster, 212
Ant Lion, 186
Ants at Matheran, 362
Apocynaceæ, 416
Apparatus for watering plants in pots, 394
Apparatus for warming and ventilating buildings, 70
Aralia digitata, 9
Archæologia, 67, 152, 313, 469
Arterial capillaries in insects, 159
Articulata of Matheran, 365
Arum Murrayi, 419
Aspergillus primigenius, 377
Assay of silver, 480
Astronomical notes, 50, 134, 196, 278, 381, 429
Atavism, 194
Atlantia monophylla, 417
Atlantic ocean, floating tunicates of the, 321
Atlantic sea-bed, 464
Atmospheric pressure, 60, 62, 287, 289, 292
Atoms, unition of, 37
Attempt to see the eclipse, 227
August eclipse, 199
August meteors, 56
Aurantiaceæ, 417
Austrian expedition to observe the eclipse, 272

BABEES book, 304
Bacteriums, 375
Baily's beads, 393
Baptismal names of the Anglo-Saxons, 20
Bark of tree used for clothing, 408
Barks, fibrous, 407
Battery, constant, 320
Baynes'-hill, 251
Beautiful telescopic field, 301
Bees, sex of, 160
Belen-fires, 216
Beneficium clericale, 331
Benefit of clergy, 342
Benzoline, ignition of, 131
Berlin, trichina at, 480
Berthelot, researches of, 191
Betrothal in the middle ages, 350
Biela's comet, 201

Binocularity of the telescope, 226
Birds, cage, in the feudal times, 462
Birds, flight of, 205
Birds of Matheran, 366
Blind and shutter rollers, 396
Blastoderm, 193
Bloomington, shooting stars at, 255
Blue moulds, 375
Bottles, feeding, 236
Breeding ostriches in Algeria, 400
British Association and Mr. Darwin, 159
British cemetery, ancient, 315
Bronze, 403
Brorsen's comet, 54, 435
Broussonetia papyrifera, 409
Browning's diagonal prism, 443
Buff arches moth, 88
Buff-tip moth, 87
Buildings, warming and ventilating, 70
Butterflies, chrysalides of, 83
Butterfly, dead-leaf, of India, 88
Butterfly, large tortoiseshell, 88
Butterfly, peacock, 88
Butterfly red admiral, 88

Cage birds in the feudal times, 462
Camera, improved, 238
Canada, meteors in, 468
Candlestick sockets, improvements in, 472
Capsules for jars and pots, 475
Capture of Nundydroog, 251
Carclaze, an old Cornish mine, 401
Carding wool in the middle ages, 354
Carole, 451
Carpenter's, Dr., expedition, 464
Casuarina, 409
Catalogue of the Royal Society, 42
Centipedes at Matheran, 365
Ceremony of betrothal in the middle ages, 350
Cemetery, ancient British, 315
Cemetery, early, at Niederbrunn, 315
Chained salpæ, 330
Chamber-maidens, 302
Chambrières, 302
Chamouni, ancient glacier of, 312
Change of food, effect on insect life, 187
Changes of species, 423.
Chaplets of flowers, 455
Chartered sanctuaries, 336
Chemical action of light, 400
Chemistry, modern, 268
Chemistry, new theories in, 31
Chess, the game of, 452
China clay, 401
China grass, 41
China stone, 405
Chinchonaceæ, 41
Chivalry, 297, 305
Chloropal, 405
Chrysalides of butterflies, 83
Cigars, improvements in preparation of, 473
Cilia of infusoria, 145
Ciliated cylinder of salpæ, 330
Cities of refuge, 333
Claws of the crab, 95
Clergy, benefit of, 342
Climate of Matheran, 361
Clipping horses, instruments for, 157
Coating and uniting metals, 72
Cocculus macrocarpus, 417
Cochin China, new medicines from, 240
Codes of instruction for young ladies in the middle ages, 303
Coining, ancient modes of, 244
Cold-blooded animals, muscles of, 146
Coleoptera of Matheran, 363
Collars and cuffs, 154
Colleges of discovery and research, 270
Colouring matter, 237
Colours of Saturn, 241
Comet, Biela's, 201
Comet, Brorsen's, 54
Comet, Encke's, 52, 198
Comet, new, 52
Cometary orbits, radiant points of, 200
Communicating with deaf and dumb persons, 472
Condition of women in the twelfth century, 161
Connection of infusoria with disease, 275
Constant battery, 320
Controversy, the hyalonema, 294
Coratoe soap, 411
Correspondence, 467
Corythaix, 3
Costume of women in the twelfth century, 161
Cotton, 41
Courtesy, 305
Crab, claws of the, 95
Craters, lunar, 45
Crustacean animals, variation of structure in, 92
Cryptogamia, 419
Crystals, snow, 193
Culex pipiens, 185
Currie-jong of Australia, 407

Dames, the game of, 452
Damoiseaux, 302
Damoiselles, 302
Dancing in the feudal times, 451
Davunhully, 250
Dawes' eye-piece, 444
Day-flying moths at Matheran, 365
Daylight measurer, 320
Dead-leaf butterfly of India, 88
Deaf and dumb persons, communicating with, 472
Death's-head moth, 86
Decomposition of metallic salts, 447
Deduit, garden of, 457
Deep-sea dredging, 296
Deep-sea sharks, 480
Depths, life in the, 464
Depths, soundings at great, 465
Designs, zoetrope, 240
Development of the egg, 240
Development theories, 422

Diagonal prism, 443
Diatom type slide, Möller's, 463
Digestive apparatus of larvæ, 211
Dinner party of the fourteenth century, 297
Diptera of Matheran, 362
Discovery and research, colleges of, 270
Disease, connection of infusoria with, 275
Disease, new vine, 240
Distance of the sun, 284, 385
Divorce, Anglo-Saxon notion of, 15
Divorce in the middle ages, 353
Domestic games of feudal period, 449
Door knobs, 239
Double comet of 1860, 383
Draughts, the game of, 452
Dredging, deep-sea, 296, 466
Dredgings in the Gulf of Gascony, 480
Dress, Anglo-Saxon, 17
Drying oils, 133
Duckweed, action of, 240

Early German cemetery at Niederbrunn, 315
Earthquake-wave in South America, 480
East Indian sack tree, 407
Eclipse in India, 159
Eclipse, the late, 136
Eclipse of the sun as seen in India, 230
Eclipse of the sun, 56
Eclipse, attempt to see the, 227
Eclipse of Jupiter's Satellites, 225
Eclipse, August, 199
Education, national, 267
Effects of freezing on life, 159
Effects of electricity on infusoria, 147
Effects of high temperature on insect life, 180
Effects of lightning, 319
Egg, mammalian, 192
Egg, what is an, 189
Egg, development of the, 240
Eggs of sea fish, 79
Electricity, effects of, on amœbæ, 147
Electricity, effects of, on infusoria, 147
Elfgiva, 16
Embroidery in the middle ages, 356
Enamelling slate and marble, 473
Encke's comet, 52, 198, 431
Engines for coining money, 248
English chartered sanctuaries, 336
Epithemia, 463
Ether, 32
Eunotia, 463
Eupodiscus argos, 463
Exciting liquid for galvanic batteries, 239
Expedition, Austrian, to observe the eclipse, 272
Experiments on origin of life, 378
Experiments with a severed head, 480
Extracting colouring matter from madder, 236
Eye-piece, Dawes', 444

Facts about Linné, 45
Fairford Church, windows in, 314, 469
Fall of meteorites at Casale, 160
Feeding bottles, 236
Felspar, 403
Female accomplishment in the middle ages, 357
Feudal castle, womankind in the, 297, 448
Feudal period, domestic games of, 449
Feudal system, 297
Feudalism, woman's position under, 162
Fibres, vegetable, 38
Fibrous barks, 407
Fireflies at Matheran, 363
Fireplaces, 395
Fire worship, 214
Fires, alleged from solar heat, 128
Flax, 38
Flight of birds, 205
Flight, problems of, 205
Floating tunicates of the Atlantic Ocean, 321
Floods from ancient glaciers, 311
Flowers, chaplets of, 455
Flying machines, 206
Food of the mullet, 370
Foraminifera, 467
Force exerted by birds in flight, 205
Fortresses of Mysore, 249
Fountains in the feudal times, 456
Frankish women, 103
Freezing, effects of, on life, 159
French lightning story, 160
Frost, action of, on tin, 480
Furnaces for smelting glass, 238
Further remarks on the transit of Venus, 1769, 436

Gabbing, 449
Galvanic batteries, exciting liquid for, 239
Game of chess, 452
Game of dames, 452
Game of qui féry, 453
Games of the feudal period, 449
Gangrene, 275
Garcinia purpurea, 415
Garden of Deduit, 457
Gardens in the feudal times, 456
Gardens of the castle, 448
Gascony, dredgings in the Gulf of, 480
Gastropacha quercifolia, 87
Gates, postern, 457
Gentianaceæ, 418
Geometridæ, caterpillars of, 85
Germanic cemetery at Niederbrunn, 315
Giant turaco, 4
Glaciers, floods from ancient, 311
Glass, furnaces for smelting, 238
Glass, metallic decorations for, 472
Glass-rope sponge, 294
Glass windows in Fairford church, 46
Grass, china, 41
Great meteor at Warsaw, 240
Great depths, soundings at, 46
Great rainfall, 480
Grindelwald glacier, 312

Great solar eclipse, 282
Grecian sanctuaries, 334
Grosvenor's non-explosive lamp, 73
Gulf of Gascony, dredgings in, 480
Guimple, or stomacher, 103

HABITS of the surmullet, 368
Hadrian, marble head of, discovered at Westminster, 216
Hair, lock of, a pledge of faithfulness, 167
Hair, vegetable, 156
Halfpence, coining of, 245
Head, experiments with a severed, 480
Head of alder-fly, 211
Heart of salpæ, 327
Height of luminous meteors, 204
Helicidæ of Matheran, 367
Hemiptera of Matheran, 363
Hemp, 38
High temperature, 80
High temperature, effects on insect life, 180
Hill fortresses of Mysore, 249
Holding and releasing blind-cords, 237
Holyhead Island, primitive villages in, 470
Hosheng, religion of, 170
Household, woman's position in the, 297
Human myology, variations in, 319
Human ovum, 191
Humidity, 61, 63
Humidity, relative, 288, 290, 293
Hush money, 334
Hyalonema, 466
Hyalonema controversy, 294
Hyalonema Sieboldii, 295
Hyder's drop, 251
Hydrozoa, 329
Hyginus, 441
Hymenoptera of Matheran, 361

ICHNEUMON, 184
Ignition of benzoline, 131
Ilkley, Roman sepulchral monument at, 152
Illuminated manuscripts of the Anglo-Saxons, 20
Improved camera, 238
Improvements in candlestick sockets, 472
Improvements in the preparation of cigars, 473
Increase of broods of insects, 183
Indian swift, 253
Indurating artificial stone, 156
Inflammable substances in common use, 131
Infusoria, connection of, with disease, 275
Infusoria in the blood, 277
Infusoria, muscles and cilia of, 145
Insects, arterial capillaries in, 150
Insects in disguise, 81
Insects, increase of broods, 183
Insect life, effects of high temperature on, 180
Instruments for clipping horses, 157
Insulators for pianofortes, 72
Interment, Roman sepulchral 67
Intestinal canal of salpæ, 327
Iron cuttings, converting into blooms
Iron, purifying, 237
Ivy, Matheran, 416

Jamoon tree, 252
Jars and pots, capsules for, 475
Jávídán Khirad, 168
Jaws of alder fly, 211
Jewelry, Anglo-Saxon, 17
Jewish tabernacles, 333
Jupiter's satellites, 217
Jupiter's satellites, 430
Jupiter's satellites, phenomena of, 381
Jute, 38

Kallima inachis, 88
Kaolin, 401
Kaolinite, 406
Kapa, 409
Kew, meteorological observations at, 287
Kishnagur, meteors at, 255
Knife cleaner, 154

Lace back tree of the West Indies, 407
Lacet vibratil of salpæ, 330
Ladies' work in the middle ages, 355
Lagetta lintearia, 411
Lamp, Grosvenor's non-explosive, 73
Lamp to be used under water, 155
Lampyridæ, 364
Lappet moth, 87
Large meteor, 320
Laxity of manners in the middle ages, 319
Leaf, theory of the, 7
Leather, pressed, manufacture of, 71
Leea staphylea, 417
Leeches at Matheran, 368
Legionary tablet, Roman, 67
Lepidoptera of Matheran, 364
Lichens, alcohol from, 240
Life in the depths, 464
Life and development, Owen's theori 421
Light, chemical action of, 400
Lighting cigars, improvements in, 473
Lightning, effects of, 319
Lightning, remarkable, 79
Lightning, spectrum of, 400
Linen, 38
Linné, 440
Linné, facts about, 45
Literary notices, 74, 157, 232, 317, 397, 474
Lituolæ, 467
Lobelia excelsa, 418
Lock of hair, a pledge of faithfulness, 167
Locomotion, aerial, 207
Loranthaceæ, 415
Love, 297
Love verses, writing of, 310
Luminous streaks of the full moon, 444
Luminosity of shooting-stars, 201
Luminous meteors, 203
Lunar craters, 45

Machines, flying, 206
Machines, sewing, 473
Machine, magneto-electric, 445
Madder, extracting colouring matter from, 236
Magnetic observatory, Toronto, 468
Magneto-electric machine, 445
Maiden's chamber, 302
Malt solution, treatment of, 71
Mammalian egg, 192
Mammals of Matheran, 367
Manufacture of alumina and salts of alumina, 71
Manuscripts, Anglo-Saxon, 20
Marble, ornamenting and enamelling, 473
Mare serenitatis, 47
Marriage of Anglo-Saxon clergy, 163
Marriage of Frankish clergy, 163
Marriages, Norman, 162
Married life in the Middle Ages, 345
Marshag hill, 272
Martinique, shooting-stars at, 254
Matheran, visit to, 359, 413
Maxims of Hosheng, 174
May-fly, 209
Measurer, daylight, 320
Mechanical effects of glaciers, 313
Medicines, new, from Cochin China, 240
Melia azedarach, 250
Menagier de Paris, 304
Mercury, transit of, 435
Metallic capsules, printing trade marks on, 396
Metallic decorations for porcelain and glass, 472
Metallic salts, decomposition of, 447
Metals, coating and uniting, 72
Meteor, large, 320
Meteor rings, 265
Meteor system, 265
Meteorological observations at Kew, 60, 287
Meteoric showers, nature and orbits of, 199
Meteorites at Casale, fall of, 160
Meteors as seen at Toronto, 467
Meteors, weight of, 265
Meteors, August, 56
Meteors in Canada, 468
Meteors, luminous, 203
Meter, alcohol, 239
Mica, 403
Microgaster glomeratus, 184
Microscopic characters of vegetable fibres, 38
Microscope used as a telescope, 206
Midsummer fires and sacrifices, 214
Mine, old Cornish, 401
Mint, Royal, 249
Mints, ancient, 244
Minute life, origin of, 372
Modern chemistry, 268
Molecules, saturation of, 36
Möller's diatom type slide, 463
Moon, supposed changes in the, 48
Monasticism, Anglo-Saxon, 17
Monœcious plants, 409
Money, engines for coining, 248
Moneyers, 248
Morality of the Middle Ages, 349
Mosaic law of sanctuary, 334
Mosaic pavement, 67
Mosses, antherozoids of, 79
Moth, angle shades, 87
Moth, buff arches, 88
Moth, buff tip, 87
Moth, death's head, 86
Moth, lappet, 87
Moths, day-flying, 335
Mulberry, paper, of South Sea islands, 409
Mullet, 368
Mullus ruber, 369
Mullus surmuletus, 368
Muscles of cold-blooded animals, 146
Muscles of infusoria, 145
Muscular structure of the mullet, 371
Mushroom poison, antidote to, 319
Musophagidæ, 1
Myeline, 373
Myology, human, variations in, 319
Mysore, hill fortresses of, 249

NAMES, Anglo-Saxon baptismal, 20
Nassau, shooting-stars at, 254
National education, 267
Natural history of the orl, or alder-fly, 209
Nature and orbits of meteoric showers, 199
Nervous structure of the mullet, 371
Nests of the ant at Matheran, 362
Neuroptera of Matheran, 362
New comet, 52
New magneto-electric machine, 445
New medicines from Cochin-China, 240
New planets, 52, 135, 198, 280, 383
New theories in chemistry, 31
New vine disease, 240
Nicknames common among the Anglo-Saxons, 20
Niederbrunn, early German cemetery at, 315
Non-drying oils, 133
Non-explosive lamp, 73
Norman marriages, 162
Norman women, 104
Notes and memoranda, 79, 159, 239, 318, 400, 480
Notes on the solar eclipse, 391
November meteors, 281
November shooting-stars, 254
Nundydroog, 249
Nyctanthes arbor-tristis, 250
Nymphalidæ at Matheran, 364

OBSERVATIONS on meteor shower, 257
Occultation of stars by the moon, 52, 136, 280, 383
Œsophagus of Alder-fly, 211
Oiled cloths, 410

Oils, drying, 133
Oils, non-drying, 133
Old Cornish mine, 401
Ophiocoma, 464
Orbits of meteoric showers, 199
Origin of minute life, 372
Origin of species, 423
Orl, or alder-fly, 209
Ornamenting and enamelling slate and marble, 473
Ostriches, breeding, 400
Ovum, human, 190
Owen's theories of life and development, 421
Oxalic acid, synthesis of, 320
Oxygen, absorption of, by oils, 133

PACIFIC, meteor shower in the, 265
Painted-glass windows in Fairford church, 469
Palythoa, 296
Pangenesis theory, 195
Pangenesis, 427
Paper from bark of tree, 408
Papilio machaon, chrysalis of, 83
Para, pottery tree of, 407
Parasols and umbrellas, 153
Paternal authority in the middle ages, 351
Pavement, mosaic, 57
Pavetta indica, 414
Pedilanthus tithymatoides, 416
Pence, coining of, 245
Penumbral band of Jupiter's satellites, 218
Perigord, ancient men of, 318
Perseides, or August meteors, 56
Pet animals, 448
Petuntze, 406
Phenakistoscope, 24
Phenomena of Jupiter's satellites, 278, 381, 430
Phlogoppora meticulosa, 87
Pterocarya fraxinifolia, 8
Phormium tenax, 40
Phosphorus, ignition of, by solar heat, 131
Pianofortes, insulators for, 72
Pile-work, ancient, at Norwich, 469
Pipes, tobacco, 474
Piperaceæ, 8
Plague, 276
Plane-tree, 7
Plantain-eaters, 3
Planet, new, 52, 135, 198
Plantanus occidentali, 7
Plants in pots, apparatus for watering, 394
Plants, representation of, on coins, 57
Pleistocene deposit at Highbury New Park, 160
Poison, mushroom, antidote to, 319
Porcelain, metallic decorations for, 472
Postern-gates, 457
Pottery-tree of Para, 407
Pots and jars, capsules for, 474
Preserving wood, 316, 320
Pressed leather, manufacture of, 71
Pride of India, 250
Primitive villages in Holyhead Island, 470
Printing trade-marks on metallic capsules, 396
Prism, Browning's diagonal, 443
Privilege of Westminster Abbey, 336
Problems of flight, 205
Production of red colouring matter, 237
Progress of invention, 70, 153, 235, 316, 394, 473
Proliferous stolon, or buds of salpæ, 330
Proverbial philosophy of ancient Persia, 168
Purifying iron, 237
Purple-crested turaco, 3
Putrefaction, 275
Pygæra bucephala, 87
Pyrenees, glaciers of the, 312

QUENOUILLE, or distaff, 353
Qui féry, the game of, 453

RADIANT points of cometary orbits, 201
Rageman's roll, 450
Rainfall, 61, 63, 288, 290
Rainfall, great, 480
Raising water, 317
Range of thermometer during eclipse, 393
Red mullet of the Mediterranean, 370
Refuge, cities of, 333
Relations of the sexes, 297
Religion of Hosheng, 170
Relative humidity, 288, 290, 293
Remarkable lightning, 79
Representation of plants on coins, 57
Reptiles of Matheran, 365
Research and discovery, colleges of, 270
Researches of Berthelot, 191
Right of ladies to judge at tournaments, 307
Right to afford sanctuary, 339
Rollers of shutters and blinds, 396
Roman legionary tablet, 67
Roman remains at Stonham, 152
Roman remains, discovery of, at Westminster, 217
Roman sanctuaries, 334
Roman sepulchral interment, 67
Roman sepulchral monument at Ilkley, 152
Roman villa at Chedworth, discovery of, 68
Rosenlaüi glacier, 312
Rotation of Jupiter's satellites, 220
Royal mint, 249
Royal Society's catalogue, 42

SACK-TREE of the East Indies, 407
St. Austell, 401
St. Ermin's Hill, 212
St. Martin's-le-Grand, sanctuary of, 341
Salmalia malabarica, 413
Salpa pinnata, 321
Salts of alumina, manufacture of, 71
Sanctuary and beneficium clericale, 331
Sand insects, 186
Satellites, Jupiter's, 217

Saturation of molecules, 36
Saturn, colours of, 241
Saving life from shipwreck, 394
Saxifraga crassifolia, 10
Schizorhis, 3
Schorl, 402
Scitamineæ, 419
Sea-bed at great depths, 464
Sea depths, 400
Sea fish, eggs of, 79
Sea, life in the, at great depths, 464
Sea worms, 465
Sepulchral interment, Roman, 67
Severed head, experiments with a, 480
Sèvres, 407
Sewing machines, 473
Sex of bees, 160
Sharks, deep sea, 480
Shipwreck, saving life from, 394
Shooting-stars, 200
Shooting-stars, November, 254
Showers, meteoric, 199
Shutter rollers, 396
Sirius uranus, 209
Silicious sponges, 466
Silphium of the ancients, 57
Silver, assay of, 480
Silver fern, 419
Slate, ornamenting and enamelling, 473
Slide, diatom type slide, 463
Slipper plant, 416
Smelting glass, furnaces for, 238
Snow crystals, 193
Soap, coratoe, 411
Solar eclipse, 282
Solar eclipse, notes on, 391
Solar heat, alleged fires from, 128
Soundings at great depths, 465
South America, earthquake-wave in, 480
Species, transmutation of, 423
Spectrum of lightning, 400
Sphecia bembeciformis, 87
Spikes, split, 316
Spinning in the middle ages, 353
Spinster, 355
Split spikes, 316
Sponge, glass rope, 294
Sponges, silicious, 466
Spontaneous generation, 372
Spots on the sun, 392
Squirrel, tame, in the feudal times, 462
Star-fishes, 465
Stars, occultation of, by the moon, 52
Stars, shooting, 200
State aids to science, 266
Steam engine, 206
Stein on muscles and cilia of infusoria, 145
Sterculia urens, 413
Stone, artificial, 156
Stonham, Roman remains at, 152
Stroboscope, 24
Structure, variation of, in crustacean animals, 92
Substitute for truffles, 80
Subterranean trout, 400
Suggestion for the binocularity of the telescope, 226
Sun, distance of the, 284
Sun, eclipse of the, 56
Sun, spots on the, 392
Sun, total eclipses of, 138
Supposed changes in the moon, 48
Surface of Saturn, 243
Sweet night flower, 250
Swifts, alpine and Indian, 253
Swimming tunicates, 328
Synthesis of oxalic acid, 320
System, feudal, 297
Syzygium jambolanum, 252, 413

TABERNACLES, Jewish, 333
Table-land, Mysore, 252
Tablet, Roman legionary, 67
Tame squirrels in the feudal times, 462
Tanning, 235
Tapa of the South Sea Islands, 407
Tectonia grandis, 413
Telescope, binocularity of the, 226
Telescopic field 391
Temperatur , 60
Temperature of the air, 60, 63, 287, 289, 292
Temperature, variation of, during eclipse, 393
Tent hills, 215
Terminalia chebula, 413
Tetra-basic acids, 33
Textile barks, 412
Thapsia Garganica, 57
Theories of development, 422
Theory of the leaf, 7
Thermometer, range of, during eclipse, 393
Thyatira derasa, 88
Thymelaceæ, 412
Tin, action of frost on, 480
Tin-mine, Carclaze, 401
Tobacco pipes, 474
Tomb of William Rufus, 313
Toronto, meteors at, 467
Tourmaline, 412
Tournaments of the Middle Ages, 307
Tower of London, mints in, 246
Transit of Mercury, 435
Transit of Venus, 389, 436
Transmutation of species, 423
Travelling, velocipede, 400
Treating wood for covering walls, 74
Treatment of malt solution for brewing, 71
Tree, the sack, 407
Tribasic acids, 33
Trichina at Berlin, 480
Trinidad, meteors at, 255
Tropœolum majus, 13
Trout, subterranean, 400
Truffles, substitute for, 80
Tunicates of the Atlantic ocean, 321
Turacoes and their distribution, 1
Typhus fever, 275

UPAS tree of Java, 409

Umbrellas and parasols, 153
Uniting metals, 72
Unition of atoms, 37
Urea, 34
Urticaceæ, 416
Utilization of science, 267

VANESSA IO, 88
Vanessa polychloros, 88
Vanessa urticæ, 88
Vanessidæ, chrysalides of, 84
Variations in human myology, 319
Variation of species, 425
Variation of structure in crustacean animals, 92
Variation of temperature during eclipses, 393
Vegetable fibres and their microscopic characters, 38
Vegetable hair, 156
Velocipede travelling, 400
Venus, transit of, 389, 436
Vertebrates, anatomy of the, 421
Vibrions, 375
Villages, primitive, 470
Vine disease, new, 240
Violation of sanctuary, 338
Violet plantain eater, 3
Visit to Matheran, 359, 413

WARMING and ventilating buildings, 70
Warsaw, great meteor at, 240
Water, raising, 317
Watering plants in pots, apparatus for, 394
Waterproof cloths, 410
Waterproof umbrellas, 153
Wavertree, ancient cemetery at, 315
Westminster Abbey, 336
Westminster, antiquities of, 212
Westminster, Roman remains d at, 217
Weight of meteors, 265
Wehrgeld or hush money, 334
What is an egg, 189
Whistling thrush of Jerdon, 367
White-crested turaco, 4
William Rufus, tomb of, 313
William the Conqueror, marriage of, 104
Wind, 61, 63, 288, 291, 293
Winchester Cathedral, 313
Windows of Fairford Church, 315
Womankind in all ages of Western Europe, 15, 97, 161, 297, 345, 448
Womankind in the feudal castle, 297, 448
Womankind in the castle, 97
Woman's position in the household, 297
Woman's work in the middle ages, 345
Woman's amusements, 448
Woman's position under feudalism, 162
Woman as the physician in [illegible] ages, 357
Women, Anglo-Saxon, 15
Women practising as doctors, 357
Wood, preserving, 316, 320
Wood, for covering walls, 74
Wool-carding in the middle ages, 354
Worship, fire, 214
Worship of Belenus, 214
Writing love verses in the middle ages, 310

YEAST plants, 374

ZŒTROPE and its antecedents, 24
Zœtrope designs, 240

F. BENTLEY AND CO., PRINTERS, LONDON.

10